

03190.000100.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Application of: |) | |
| Eddie F. RAY, III, et al. |) | Examiner: Not Yet Assigned |
| Application No.: 10/766,504 |) | Group Art Unit: 3738 |
| Filed: January 27, 2004 |) | |
| For: BONE GRAFTS |) | July 6, 2005 |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

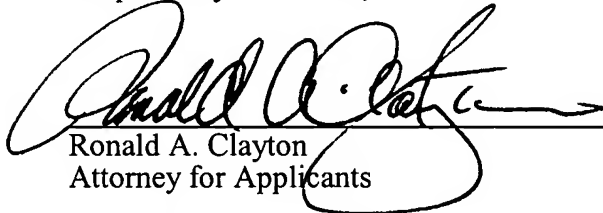
For the concise statement of relevance for the non-English documents the Examiner is referred to the abstracts attached thereto.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Ronald A. Clayton
Attorney for Applicants

Registration No. 26,718

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30 Rockefeller Plaza
New York, New York 10112-3800
Facsimile: (212) 218-2200
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|---|--|-------------------------------|----------|------------------------------|-------|----------|-------------------------------|
| FORM PTO 1449 (modified) | | ATTY DOCKET NO. 03190.000100. | | APPLICATION NO. 10/766,504 | | | |
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | | | | |
| LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) | | | | | | | |
| APPLICANT EDDIE F. RAY, III, ET AL. | | | | FILING DATE January 27, 2004 | | | |
| | | | | GROUP 3738 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 2,677,369 | 05/04/54 | Knowles | 128 | 92 | |
| | | 3,848,601 | 11/19/74 | Ma et al. | 128 | 305 | |
| | | 3,918,100 | 11/11/75 | Shaw et al. | 3 | 1.9 | |
| | | 4,294,753 | 10/13/81 | Urist | 260 | 112 R | |
| | | 4,309,777 | 01/12/82 | Patil | 3 | 1.91 | |
| | | 4,314,380 | 02/09/82 | Miyata et al. | 3 | 1.9 | |
| | | 3,330,891 | 05/25/82 | Branemark et al. | 3 | 1 | |
| | | 4,349,921 | 09/21/82 | Kuntz | 3 | 1 | |
| | | 4,394,370 | 07/19/83 | Jefferies | 424 | 95 | |
| | | 4,440,750 | 04/03/84 | Glowacki et al. | 424 | 95 | |
| | | 4,472,840 | 09/25/84 | Jefferies | 3 | 1.9 | |
| | | 4,501,269 | 02/26/85 | Bagby | 128 | 92 G | |
| | | 4,526,909 | 07/02/85 | Urist | 623 | 115 | |
| | | 4,596,574 | 06/24/86 | Urist | 623 | 16 | |
| | | 4,620,327 | 11/04/86 | Caplan et al. | 632 | 16 | |
| | | 4,627,853 | 12/09/86 | Campbell et al. | 623 | 16 | |
| | | 4,678,470 | 07/07/87 | Nashef et al. | 623 | 16 | |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
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| | | 4,685,919 | 08/11/87 | Niwa et al. | 623 | 21 | |
| | | 4,743,256 | 05/10/88 | Brantigan | 623 | 17 | |
| | | 4,759,766 | 07/26/88 | Buettner-Janz et al. | 623 | 17 | |
| | | 4,820,305 | 04/11/89 | Harms et al. | 623 | 16 | |
| | | 4,834,757 | 04/30/89 | Brantigan | 623 | 17 | |
| | | 4,877,020 | 10/31/89 | Vich | 424 | 92 V | |
| | | 4,877,864 | 10/31/89 | Wang et al. | 530 | 324 | |
| | | 4,878,915 | 11/07/89 | Brantigan | 623 | 17 | |
| | | 4,882,149 | 11/21/89 | Spector | 424 | 425 | |
| | | 4,904,261 | 02/27/90 | Dove et al. | 623 | 17 | |
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| | | 4,950,296 | 08/21/90 | McIntyre | 623 | 16 | |
| | | 4,961,740 | 10/09/90 | Ray et al. | 606 | 61 | |
| | | 5,013,649 | 05/07/91 | Wang et al. | 435 | 69.1 | |
| | | 5,015,247 | 05/10/80 | Michelson | 606 | 61 | |
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| | | 5,044,104 | 09/03/91 | Hopperdietzel | 40 | 642 | |
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| | | 5,071,437 | 12/10/91 | Steffee | 623 | 17 | |
| | | 5,092,893 | 03/03/92 | Smith | 623 | 17 | |
| | | 5,106,748 | 04/21/92 | Wonzney et al. | 435 | 252.3 | |
| | | 5,108,922 | 04/28/92 | Wang et al. | 435 | 240.2 | |
| | | 5,116,738 | 04/28/92 | Wang et al. | 436 | 69.1 | |
| | | 5,133,755 | 07/28/92 | Brekke | 623 | 16 | |
| | | 5,147,402 | 09/15/92 | Bohler et al. | 623 | 16 | |
| | | 5,187,076 | 02/16/93 | Wozney et al. | 435 | 69.1 | |
| | | 5,192,327 | 03/09/93 | Brantigan | 623 | 17 | |
| | | 5,207,710 | 05/04/93 | Chu et al. | 623 | 16 | |
| | | 5,258,029 | 11/02/93 | Chu et al. | 623 | 16 | |
| | | 5,275,954 | 01/04/94 | Wolfenbarger et al. | 436 | 74 | |
| | | 5,306,303 | 04/26/94 | Lynch | 623 | 16 | |
| | | 5,306,307 | 04/26/94 | Senter et al. | 623 | 17 | |
| | | 5,306,308 | 04/26/94 | Gross et al. | 623 | 17 | |
| | | 5,306,310 | 04/26/94 | Wagner et al. | 623 | 17 | |
| | | 5,306,310 | 04/26/94 | Siebels | 623 | 17 | |
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| | | 5,348,026 | 09/20/94 | Davidson | 128 | 898 | |
| | | 5,366,508 | 11/22/94 | Brekke | 623 | 16 | |
| | | 5,366,875 | 11/22/94 | Wozney et al. | 435 | 69.1 | |
| | | 5,397,364 | 03/14/95 | Kozak et al. | 623 | 17 | |
| | | 5,405,391 | 04/11/95 | Hednerson et al. | 623 | 17 | |
| | | 5,417,975 | 05/23/95 | Lussi et al. | 424 | 423 | |
| | | 5,425,772 | 06/20/95 | Brantigan | 623 | 17 | |
| | | 5,443,514 | 08/22/95 | Steffee | 623 | 17 | |
| | | 5,458,638 | 10/17/95 | Kuslich et al. | 623 | 17 | |
| | | 5,514,180 | 05/07/96 | Heggeness et al. | 623 | 17 | |
| | | 5,522,899 | 06/04/96 | Michelson | 623 | 17 | |
| | | 5,534,030 | 07/09/96 | Navarro et al. | 623 | 17 | |
| | | 5,556,379 | 09/17/96 | Wolfenbarger | 604 | 49 | |
| | | 5,573,771 | 11/12/96 | Geistlich et al. | 424 | 422 | |
| | | 5,585,116 | 10/17/95 | Boniface et al. | 424 | 549 | |
| | | 5,609,635 | 03/11/97 | Michelson | 623 | 17 | |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
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| | | 5,709,683 | 01/20/98 | Bagby | 606 | 61 | |
| | | 5,716,415 | 02/10/98 | Steffee | 623 | 17 | |
| | | 5,722,977 | 03/03/98 | Wilhelmy | 606 | 84 | |
| | | 5,725,579 | 03/10/98 | Fages et al. | 623 | 16 | |
| | | 5,728,159 | 03/17/98 | Stroeveer et al. | 623 | 16 | |
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| | | 5,814,084 | 09/29/98 | Grivas et al. | 623 | 16 | |
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| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 5,820,581 | 10/13/98 | Wolfinbarger, Jr. | 604 | 49 | |
| | | 5,851,669 | 12/22/98 | Macaulay et al. | 428 | 401 | |
| | | 5,865,845 | 02/02/99 | Thalgott | 623 | 17 | |
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| | | 5,888,227 | 03/30/99 | Cottle | 623 | 17 | |
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| | | 5,972,368 | 10/26/99 | McKay | 424 | 423 | |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
| | | WO 93/00432 | 01/07/93 | PCT | | | |
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| | | Takao Yamamuro, Replacement of the Lumbar Vertebrae of Sheep with Ceramic Prostheses, The Journal of Bone and Joint Surgery, British Vol. 72-B, No. 5, Sept. 1990. |
| | | Tobin N. Gerhart, M.D., et al., Clinical Orthopaedics and Related Research, No. 293, pp. 317-326, Healing Segmental Femoral Defects in Sheep Using Recombinant Human Bone Morphogenetic Protein., |
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